INTERNATIONAL SEARCH REPORT

onal Application No PC 1718 03/04900

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H01L23/485								
According to International Patent Classification (IPC) or to both national classification and IPC									
	SEARCHED currentation searched (classification system followed by classification)	on symbols)							
IPC 7	H01L	,,							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic d	ata base consulted during the international search (name of data base	se and, where practical, search terms used)						
EPO-Internal, WPI Data, PAJ									
C. DOCUMENTS CONSIDERED TO BE RELEVANY									
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
х	EP 0 911 111 A (LUCENT TECHNOLOGI 28 April 1999 (1999-04-28) abstract; figure 3		1,2,9,10						
A	page 3, paragraph 11 - paragraph page 4, paragraph 22 -page 6, par claims 1,7-11	12 agraph 34	3-5,7,8						
A	WO 01 56081 A (MARCONI CASWELL LT DAVID JOHN (GB); HUMPSTON GILES (2 August 2001 (2001-08-02) abstract; figures 3,5 page 4, line 7 -page 7, line 2 claims 1-4,7-10,12-16	D ;WARNER GB);)	1,2,5-10						
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X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.						
	tegories of cited documents :	"T" later document published after the inte or priority date and not in conflict with	the application but						
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	nan the priority date claimed actual completion of the international search	Date of mailing of the international sea							
5	February 2004	17/02/2004							
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Into jonal Application No PCT/IB 03/04900

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *		Relevant to c	laim No.
A	EP 0 714 126 A (AT & T CORP) 29 May 1996 (1996-05-29) abstract; figure 2 column 2, line 35 -column 3, line 55 column 5, line 4 -column 6, line 10 column 10, line 47 - line 54 claims 1-4	1,2	,7-10
	claims 1-4 EP 0 542 475 A (AMERICAN TELEPHONE & TELEGRAPH) 19 May 1993 (1993-05-19) abstract; figure 1 page 3, line 18 -page 5, line 9 claim 1	1	
	·		

1

INTERNATIONAL SEARCH REPORT

Interminal Application No PCI/IB 03/04900

Patent document cited in search report	}	Publication date		Patent family member(s)	Publication date
EP 0911111	A	28-04-1999	US EP JP	5990560 A 0911111 A2 11192581 A	23-11-1999 28-04-1999 21-07-1999
WO 0156081	Α	02-08-2001	WO GB	0156081 A1 2364172 A	02-08-2001 16-01-2002
EP 0714126	A	29-05-1996	US DE DE EP JP	5559817 A 69529883 D1 69529883 T2 0714126 A1 8213713 A	24-09-1996 17-04-2003 08-01-2004 29-05-1996 20-08-1996
EP 0542475	A	19-05-1993	US CA DE DE EP HK JP JP JP	5197654 A 2080931 A1 69217617 D1 69217617 T2 0542475 A1 118597 A 2045214 C 6069608 A 7077280 B 43759 A1	30-03-1993 16-05-1993 03-04-1997 17-07-1997 19-05-1993 05-09-1997 09-04-1996 11-03-1994 16-08-1995 14-11-1997

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